

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A signal measuring device comprising:
 - a local signal generating means that generates a local signal;
 - a mixing means that mixes a signal to be measured with the local signal;
 - a frequency sweeping means that sweeps the frequency of the local signal; and
 - a sweep control means that terminates the sweep upon a termination of a presence section of the signal to be measured.
2. (Original) The signal measuring device according to claim 1, wherein said sweep control means receives a trigger signal whose state changes upon the termination of the presence section of the signal to be measured.
3. (Original) The signal measuring device according to claim 2, further comprising an intermediate frequency filter that extracts a component within a predetermined frequency band from said mixing means, wherein the trigger signal is generated based upon an output from said intermediate frequency filter.
4. (Previously presented) The signal measuring device according to claim 2,

wherein said sweep control means comprises
a delay means that delays the trigger signal, and
a logical product output means that takes and outputs a logical product of
an output from said delay means and the trigger signal, and
whether the sweep is terminated or not is determined according to said
logical product output means.

5. (Previously presented) The signal measuring device according to claim 1,
wherein the signal to be measured is a carrier wave within a burst wave.

6. (Currently Amended) The signal measuring device according to claim 5,
wherein ~~the width~~ widths of the ~~presence~~ sections of including the carrier waves
~~is different~~ differ from each other.

7. (Previously presented) The signal measuring device according to claim 3,
wherein said sweep control means comprises
a delay means that delays the trigger signal, and
a logical product output means that takes and outputs a logical product of
an output from said delay means and the trigger signal, and
whether the sweep is terminated or not is determined according to said
logical product output means.

8. (Previously presented) The signal measuring device according to claim 2,
wherein the signal to be measured is a carrier wave within a burst wave.

9. (Previously presented) The signal measuring device according to claim 3, wherein the signal to be measured is a carrier wave within a burst wave.

10. (Previously presented) The signal measuring device according to claim 4, wherein the signal to be measured is a carrier wave within a burst wave.

11. (Previously presented) The signal measuring device according to claim 7, wherein the signal to be measured is a carrier wave within a burst wave.

12. (Currently Amended) The signal measuring device according to claim 8, wherein ~~the width~~ widths of the ~~presence~~ sections of including the carrier waves ~~is different~~ differ from each other.

13. (Currently Amended) The signal measuring device according to claim 9, wherein ~~the width~~ widths of the ~~presence~~ sections of including the carrier waves ~~is different~~ differ from each other.

14. (Currently Amended) The signal measuring device according to claim 10, wherein ~~the width~~ widths of the ~~presence~~ sections of including the carrier waves ~~is different~~ differ from each other.

15. (New) A signal measuring device comprising:

a local signal generator that generates a local signal;

a mixer that mixes a signal to be measured with the local signal;

a frequency sweep section that sweeps the frequency of the local signal;
and

a sweep controller that terminates the sweep upon a termination of a presence section of the signal to be measured.

16. (New) The signal measuring device according to claim 15, wherein the sweep controller receives a trigger signal whose state changes upon the termination of the presence section of the signal to be measured.

17. (New) The signal measuring device according to claim 16, further comprising an intermediate frequency filter that extracts a component within a predetermined frequency band from the mixer, wherein the trigger signal is generated based upon an output from said intermediate frequency filter.

18. (New) The signal measuring device according to claim 16,
wherein said sweep controller comprises
a delay unit that delays the trigger signal, and
a logical product output unit that takes and outputs a logical product of an output from said delay unit and the trigger signal, and
whether the sweep is terminated is determined according to said logical product output unit.

19. (New) The signal measuring device according to claim 15, wherein the signal to be measured is a carrier wave within a burst wave.

20. (New) The signal measuring device according to claim 19, wherein widths of sections including the carrier waves differ from each other.